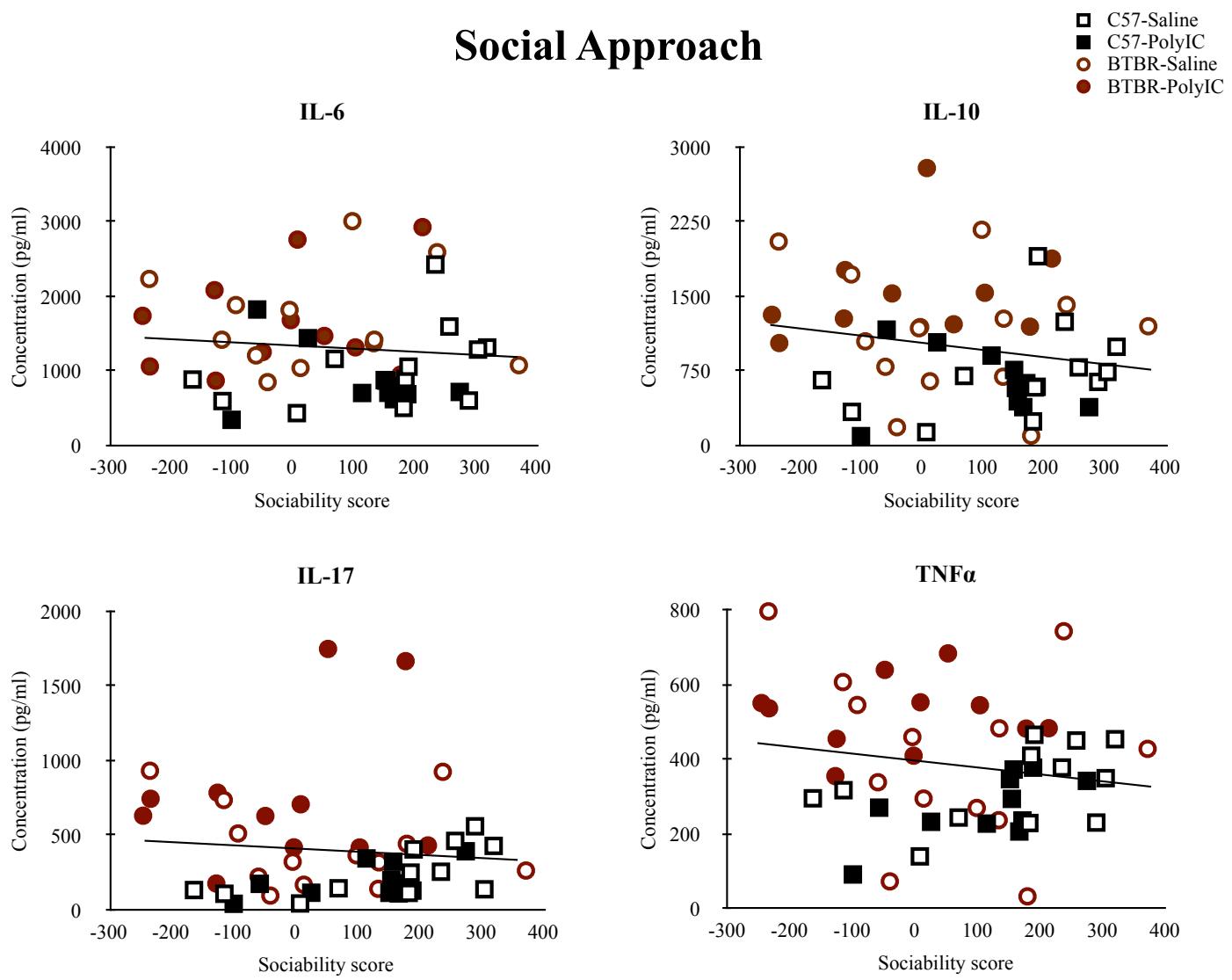


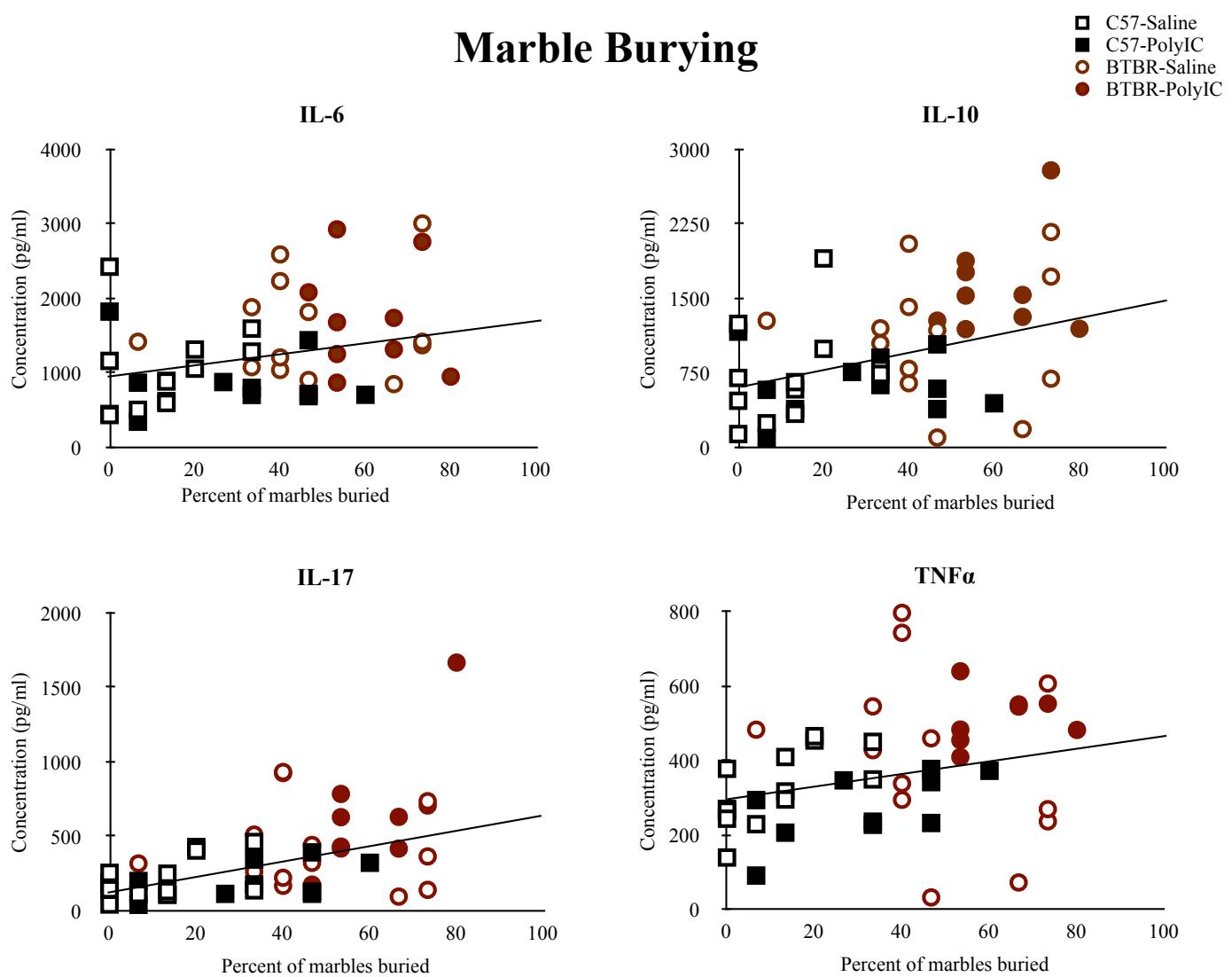
**Supplementary Table S1:** Table of spearman's rho coefficients and p-values for correlation data between cytokine levels and behavioral measures: n.s. not significant

	IL-6		IL-10		IL-17		TNF $\alpha$	
	$\rho$	p <	$\rho$	p <	$\rho$	p <	$\rho$	p <
Social Score	-0.126	n.s.	-0.174	n.s.	-0.018	n.s.	-0.119	n.s.
Marble Burying	0.356	0.05	0.424	0.01	0.501	0.001	0.361	0.05
Grooming	0.388	0.01	0.458	0.01	0.415	0.01	0.317	0.05

**Supplementary Figure S2:** Association between cytokine concentrations and sociability score



**Supplementary Figure S3:** Association between cytokine concentrations and marble burying behavior



**Supplementary Figure S4: Association between cytokine concentrations and grooming**

